# Anti-CEACAM5 antibody [10E1] (STJ96963)

STJ96963

## GENERAL INFORMATION

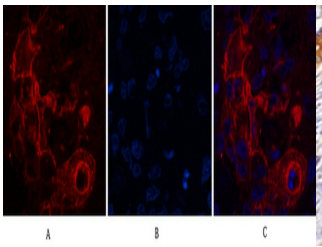
**Product Type** Primary antibodies
**Short Description** Mouse monoclonal antibody anti-Carcinoembryonic antigen-Related Cell Adhesion Molecule 5 is suitable for use in Immunohistochemistry, Immunofluorescence and Immunocytochemistry research applications.
**Applications** IHC-P, IF, ICC
**Host/Source** Mouse
**Reactivity** Human

## PRODUCT PROPERTIES

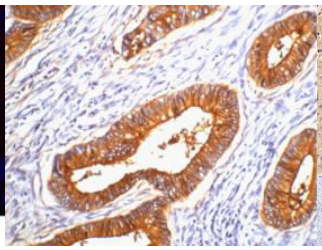
**Clonality** Monoclonal
**Clone ID** 10E1
**Concentration**
**Conjugation** Unconjugated
**Purification** The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
**Dilution Range** WB 500-2000
1:200
IF 1:50-200
**Formulation** PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
**Isotype** IgG1
**Storage Instruction** Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

## TARGET INFORMATION

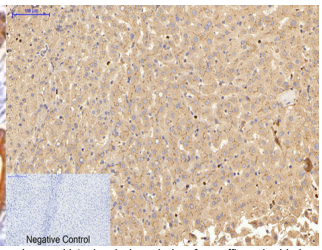
**Gene ID** 1048
**Gene Symbol** CEACAM5
**Uniprot ID** CEAM5_HUMAN
**Immunogen** Synthetic peptide of Carcinoembryonic Antigen
**Immunogen Region**
**Specificity** CEACAM5 monoclonal antibody (Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5) binds to endogenous Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5.
**Immunogen Sequence**




Immunofluorescence analysis of Human-lung-cancer tissue. 1, Carcinoembryonic Antigen monoclonal antibody (10E1) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IHC staining of human colon cancer tissue, diluted at 1:200.




Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1, Carcinoembryonic Antigen monoclonal antibody (10E1) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.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